NC/QC/DD-W13/2019-20/DM-FA1

Date: 10-03-2020

1. TESTING OF FINE AGGREGATES :

Sub: Testing of Fine Aggregates.
{Project*: Drilling of Borewell in Mallasandra Colony , BHEL Mini colony Pk's Slum, Ravindra Nagara Slum, and Surrounding Area in Ward No.13.}
Ref.: Material testing/QC/19-20.
Report Required for: Assistant Executive Engineer,
Shettyhalli Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL.

TABLE - 1.1 : SIEVE ANALYSIS :

IS Sieve Size,mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -II	
04.75	97.50	90-100	90-100	90-100	The Sample Conforms to Grading Zone-II
02.36	82.70	60-95	75-100	85-100	
01.18	74.90	30-70	55-90	75-100	
600. mic	54.65	15.34	35-59	60-79	
300.mic	22.10	5-20	8-30	12-40	
150.mic	6.95	0-10	0-10	0-10	

TABLE 1.2 :

Sl No	Test Conducted	Sample	Results	Requirements as Per IS. Specification IS :383-1970 (Reaffirmed 2002)
1	Bulking of Sand	001	15.86%	—
2	Silt Content	—	0.59 %	Not more than 8%
3	Specific Gravity	—	2.61	——

For Newzen Consultants Bangalore

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ದಕ್ಷಿಣ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
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NC/QC/DD-W13/2019-20/DM-CA1

Date: 10-03-2020

1. TESTING OF COARSE AGGREGATES (20 mm):

Sub: Testing of Construction Materials.

{Project*: Drilling of Borewell in Mallasandra Colony , BHEL Mini colony Pk's Slum, Ravindra Nagara Slum, and Surrounding Area in Ward No.13.}

Ref.: Material testing/QC/19-20,

Report Required for: Assistant Executive Engineer,
Shettyhalli Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s KRIDL.

Table - 1.1 : SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2002) % Passing	
	20 mm Sample	Single size	Graded
40 mm	100.00	100.00	100.00
20 mm	98.15	85-100	90 - 100
10 mm	45.70	0 - 20	25 - 55
4.75 mm	3.25	0 - 5	0 - 10

TABLE 1.2 :

SL No	Test conducted	Results	Requirements as per IS:383-1970 & Tests Conforms to IS 2386(Part I to IV) – 1963 (Reaffirmed on 2002)
1.	Flakiness Index	25.68 %	Not to exceed 25 %
2.	Crushing value	27.36%	Not to exceed 45 % for concrete other than for wearing surfaces and 30% for concrete for wearing surfaces

For Newzen Consultants Bangalore

Proprietor

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NC/QC/DD-W13/2019-20/DM-CB1 Date: 19-03-2020

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Drilling of Borewell in Mallasandra Colony , BHEL Mini colony Pk's Slum, Ravindra Nagara Slum, and Surrounding Area in Ward No.13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Shettyhalli Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	12-03-20	19-03-20	07	22500	530	23.56	**23.26**
	002	"	"	"	"	515	22.89	
	003	"	"	"	"	525	23.33	

For Newzen Consultants Bangalore

Proprietor

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NC/QC/DD-W13/2019-20/DM-CB2

Date: 23-03-2020

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Drilling of Borewell in Mallasandra Colony , BHEL Mini colony Pk's Slum, Ravindra Nagara Slum, and Surrounding Area in Ward No.13.}

Ref.: Material testing/QC/19-20,

Report Required for: Assistant Executive Engineer,
Shettyhalli Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	16-03-20	23-03-20	07	22500	520	23.11	**23.63**
	002	"	"	"	"	530	23.56	
	003	"	"	"	"	545	24.22	

Page No. 1/1,

For Newzen Consultants Bangalore
Proprietor

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NEW TECHNOLOGIES TO INNOVATE

NC/QC/DD-W13/2019-20/DM-CB1a

Date: 09-04-2020

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Drilling of Borewell in Mallasandra Colony , BHEL Mini colony Pk's Slum, Ravindra Nagara Slum, and Surrounding Area in Ward No.13.}
Ref.: Material testing/QC/19-20,
Report Required for: Assistant Executive Engineer,
Shettyhalli Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm
Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	12-03-20	09-04-20	28	22500	730	32.44	**32.37**
	002	"	"	"	"	740	32.89	
	003	"	"	"	"	715	31.78	

For Newzen Consultants Bangalore
Proprietor

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NEWZEN CONSULTANT BANGALORE

NC/QC/DD-W13/2019-20/DM-CB2a

Date: 13-04-2020

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Drilling of Borewell in Mallasandra Colony , BHEL Mini colony Pk's Slum, Ravindra Nagara Slum, and Surrounding Area in Ward No.13.}

Ref.: Material testing/QC/19-20,

Report Required for: Assistant Executive Engineer,
Shettyhalli Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s KRIDL.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{30}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	16-03-20	13-04-20	28	22500	730	32.44	**32.81**
	002	"	"	"	"	745	33.11	
	003	"	"	"	"	740	32.89	

For Newzen Consultants Bangalore
Proprietor

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